

## INTERNATIONAL SEARCH REPORT

Int. Patent Application No.  
P IB2004/052279

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04Q7/22

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 477 176 B1 (JORMALAINEN JANNE ET AL) 5 November 2002 (2002-11-05) abstract column 2, line 5 - line 36 column 3, line 43 - column 5, line 3	1-18
A	EP 0 335 521 A (BRITISH TELECOMM) 4 October 1989 (1989-10-04) abstract page 5, line 51 - page 6, line 8 ----- -/--	1-18

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

25 January 2005

Date of mailing of the international search report

02/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>"Digital cellular telecommunications system (Phase 2+); Full rate speech; Voice Activity Detector (VAD) for full rate speech traffic channels (GSM 06.32 version 8.0.0 Release 1999); DraftETSI EN 300 965" ETSI STANDARDS, EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE, SOPHIA-ANTIPO, FR, vol. SMG11, no. V800, July 2000 (2000-07), XP014002317 ISSN: 0000-0001 the whole document</p> <p>-----</p>	1-18

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6477176	B1	05-11-2002	FI 944352 A 21-03-1996 AU 3389695 A 09-04-1996 WO 9609708 A2 28-03-1996 US 2003016643 A1 23-01-2003
EP 0335521	A	04-10-1989	AT 97757 T 15-12-1993 AT 229683 T 15-12-2002 AU 608432 B2 28-03-1991 AU 3355489 A 05-10-1989 BR 8907308 A 19-03-1991 CA 1335003 C 28-03-1995 DE 68910859 D1 05-01-1994 DE 68910859 T2 08-12-1994 DE 68929442 D1 23-01-2003 DE 68929442 T2 02-10-2003 DK 215690 A 07-09-1990 EP 0335521 A1 04-10-1989 EP 0548054 A2 23-06-1993 ES 2047664 T3 01-03-1994 ES 2188588 T3 01-07-2003 FI 110726 B1 14-03-2003 FI 20010933 A 04-05-2001 WO 8908910 A1 21-09-1989 HK 135896 A 02-08-1996 IE 61863 B1 30-11-1994 JP 3423906 B2 07-07-2003 JP 2000148172 A 26-05-2000 JP 3504283 T 19-09-1991 JP 3321156 B2 03-09-2002 KR 161258 B1 20-03-1999 NO 903936 A 09-11-1990 NO 982568 A 09-11-1990 NZ 228290 A 29-01-1992 PT 89978 A ,B 10-11-1989 US 5276765 A 04-01-1994